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FORM PTO INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0609.4910002/JAG/JUK	APPLICATION NO. 09/814,179
	APPLICANT Kim et al.	
	FILING DATE March 22, 2001	GROUP 1633 1647

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
AL	AA1	5,932,417	08/03/1999	Birnbaumer et al.	435	6	10/15/1996
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AL	AR	1	Annaert, W., and De Strooper, B., "Presenilins: molecular switches between proteolysis and signal transduction," <i>Trends Neurosci.</i> 22:439-443, Elsevier Science Ltd. (October 1999).
I	AS	1	Bezprozvanny, I. et al., "Bell-shaped calcium-response curves of Ins(1,4,5)P <sub>3</sub> - and calcium-gated channels from endoplasmic reticulum of cerebellum," <i>Nature</i> 351:751-754, Macmillan Publishing Group (1991).
↓	AT	1	Berridge, M.J., "Inositol trisphosphate and calcium signalling," <i>Nature</i> 361:315-325, Macmillan Publishing Group (1993).

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-144

## INFORMATION DISCLOSURE STATEMENT

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09/814,179APPLICANT  
Kim et al.FILING DATE  
March 22, 2001GROUP  
1633 1647

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

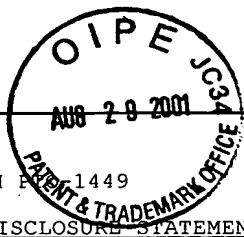
AR	2	Berridge, M.J., "Capacitative calcium entry," <i>Biochem. J.</i> 312:1-11, Portland Press Ltd. (1995).
AS	2	Berridge, M.J. et al., "Signal Transduction. The Calcium Entry Pas de Deux," <i>Science</i> 287:1604-1605, American Association for the Advancement of Science (March 2000).
AT	2	Birnbaumer, L. et al., "On the molecular basis and regulation of cellular capacitative calcium entry: Roles for Trp proteins," <i>Proc. Natl. Acad. Sci. USA</i> 93:15195-15202, The National Academy of Sciences (1996).

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FORM P-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0609.4910002/JAG/JUK	APPLICATION NO. 09/814,179
	APPLICANT Kim et al.	
	FILING DATE March 22, 2001	GROUP 1633 1647

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BK	AR	3	Borchelt, D.R. et al., "Familial Alzheimer's Disease-Linked Presenilin 1 Variants Elevate A $\beta$ 1-42/1-40 Ratio In Vitro and In Vivo," <i>Neuron</i> 17:1005-1013, Cell Press (1996).
1	AS	3	Boulay, G. et al., "Modulation of Ca <sup>2+</sup> entry by polypeptides of the inositol 1,4,5-trisphosphate receptor (IP3R) that bind transient receptor potential (TRP): evidence for roles of TRP and IP3R in store depletion-activated Ca <sup>2+</sup> entry," <i>Proc. Natl. Acad. Sci. USA</i> 96:14955-14960, The National Academy of Sciences (December 1999).
2	AT	3	Camacho, P. and Lechleiter, J.D., "Calreticulin Inhibits Repetitive Intracellular Ca <sup>2+</sup> Waves," <i>Cell</i> 82:765-771, Cell Press (1995).

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

AL	AR	4	Citron, M. et al., "Mutant presenilins of Alzheimer's disease increase production of 42-residue amyloid $\beta$ -protein in both transfected cells and transgenic mice," Nat. Med. 3:67-72, Nature Publishing Group (1997).
L	AS	4	Clapham, D.E., "Calcium signaling," Cell 80:259-268, Cell Press (1995).
L	AT	4	Cruts, M. and Van Broeckhoven, C., "Presenilin Mutations In Alzheimer's Disease," Hum. Mutat. 11:183-190, John Wiley & Sons, Inc. (1998).

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

PK	AR	5	Daly, J.W. et al., "Maitotoxin-Elicited Calcium Influx in Cultured Cells. Effect of Calcium-Channel Blockers," <i>Biochem. Pharmacol.</i> 50:1187-1197, Elsevier Science (1995).
I	AS	5	De Strooper, B. et al., "Deficiency of presenilin-1 inhibits the normal cleavage of amyloid precursor protein," <i>Nature</i> 391:387-390 (1998).
↓	AT	5	De Strooper, B. et al., "A presenilin-1-dependent $\gamma$ -secretase-like protease mediates release of Notch intracellular domain," <i>Nature</i> 398:518-522 (April 1999).

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	AN						Yes No
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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	6	De Jonghe, C. et al., "Flemish and Dutch Mutations in Amyloid $\beta$ Precursor Protein Have Different Effects on Amyloid $\beta$ Secretion," <i>Neurobiol. Dis.</i> 5:281-286, Academic Press, Inc. (1998).
AS	6	Deng, G. et al., "Alzheimer-associated presenilin-2 confers increased sensitivity to apoptosis in PC12 cells," <i>FEBS Lett.</i> 397:50-54, Elsevier Science Ltd. (1996).
AT	6	Dermaut, B. et al., "The Glu318Gly substitution in presenilin 1 is not causally related to Alzheimer disease," <i>Am. J. Hum. Genet.</i> 64:290-292, University of Chicago Press (January 1999).

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	7	Duff, K. et al., "Increased amyloid- $\beta$ 42(43) in brains of mice expressing mutant presenilin 1," <i>Nature</i> 383:710-713, Macmillan Publishing Group (1996).
AS	7	Elliott, P.J. et al., "Unlocking the Blood-Brain Barrier: A Role for RMP-7 in Brain Tumor Therapy," <i>Exp. Neurol.</i> 141:214-224, Academic Press, Inc. (1996).
AT	7	Etcheberrigaray, R. et al., "Calcium Responses in Fibroblasts from Asymptomatic Members of Alzheimer's Disease Families," <i>Neurobiol. Dis.</i> 5:37-45, Academic Press Ltd. (1998).

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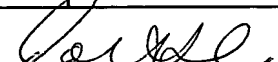
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FORM PTO-1449  <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0609.4910002/JAG/JUK	APPLICATION NO. 09/814,179
	APPLICANT Kim et al.	
	FILING DATE March 22, 2001	GROUP 633 1647

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	8	Gibson, G.E., et al., "Abnormalities in Alzheimer's Disease Fibroblasts Bearing the APP670/671 Mutation," <i>Neurobiol. Aging</i> . 18:573-580, Elsevier Science Inc. (1997).	
AS	8	Grudt, T.J. et al., "Ca <sup>2+</sup> entry following store depletion in SH-SY5Y neuroblastoma cells," <i>Mol. Brain Res.</i> 36:93-100, Elsevier Science B.V. (1996).	
AT	8	Guo, Q. et al., "Alzheimer's PS-1 mutation perturbs calcium homeostasis and sensitizes PC12 cells to death induced by amyloid beta-peptide," <i>NeuroReport</i> 8:379-383, Rapid Science Publishers (1996).	

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	AL						Yes No
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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BL	AR	9	Hofer, A.M. et al., "Capacitative Ca <sup>2+</sup> Entry Is Closely Linked to the Filling State of Internal Ca <sup>2+</sup> Stores: A Study Using Simultaneous Measurements of I <sub>CRAC</sub> and Intraluminal [Ca <sup>2+</sup> ]," <i>J. Cell. Biol.</i> 140:325-334, The Rockefeller University Press, Inc. (1998).
L	AS	9	Hofmann, T., "Direct activation of human TRPC6 and TRPC3 channels by diacylglycerol," <i>Nature</i> 397:259-263, Macmillan Publishing Group (January 1999).
L	AT	9	Hoth, M. and Penner, R, "Depletion of intracellular calcium stores activates a calcium current in mast cells," <i>Nature</i> 355:353-356, Macmillan Publishing Group (1992).

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	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

Be	AR	10	Iwatsubo, T. et al., "Visualization of A $\beta$ 42(43) and A $\beta$ 40 in Senile Plaques with End-Specific A $\beta$ Monoclonals: Evidence That an Initially Deposited Species Is A $\beta$ 42(43)," <i>Neuron</i> 13:45-53, Cell Press (1994).
1	AS	10	Janicki, S. and Monteiro, M.J., "Increased Apoptosis Arising from Increased Expression of the Alzheimer's Disease-associated Presenilin-2 Mutation (N141I)," <i>J. Cell Biol.</i> 139:485-495, The Rockefeller University Press (1997).
1	AT	10	Jayadev, S. et al., "Reduced Capacitative Calcium Entry Correlates with Vesicle Accumulation and Apoptosis," <i>J. Biol. Chem.</i> 274:8261-8268, American Society for Biochemistry and Molecular Biology, Inc. (March 1999).

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FORM PTO-1449

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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

PK	AR	<u>11</u>	Katayama, T. et al., "Presenilin-1 mutations downregulate the signalling pathway of the unfolded-protein response," Nat. Cell. Biol. 1:479-485, Macmillan Magazines Ltd. (December 1999).
I	AS	<u>11</u>	Kim, T.-W. et al., "Endoproteolytic cleavage and proteasomal degradation of presenilin 2 in transfected cells," J. Biol. Chem. 272:11006-11010, American Society for Biochemistry and Molecular Biology, Inc. (1997).
I	AT	<u>11</u>	Kim, T.-W., "Role of Presenilins in Capacitative Calcium Entry," American Health Assistance Foundation Alzheimer's Disease Research 2000 Grant Application, pp. 1-3, 6-19 (October 1999).

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	AM						Yes No
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
PK	AR	12	Kim, T.-W. et al., "The N141I Presenilin 2 Familial Alzheimer Mutation is Associated with Abated Proteasomal Degradation and Reduced Capacitative Calcium Entry," Soc. Neurosci. 29 <sup>th</sup> Annual Meeting 25, Abstract 1568:629.6, Society for Neuroscience (October 1999).
↓	AS	12	Kim, T.-W., "Molecular Consequences of Familial Alzheimer's Disease-linked Presenilin Mutations: Protein Aggregation, Caspase Activation, and Calcium Dyshomeostasis," 3rd International Neurodegeneration in Alzheimer's Disease, Parkinson's Disease & Acute Stroke, Abstract, Strategic Research Institute (July 1999).
↓	AT	12	Kim, T.-W., "Molecular Consequences of Presenilin FAD Mutations: Aggregation, Calcium Dyshomeostasis, and Caspase Activation," Slide Presentation at the 3rd International Neurodegeneration in Alzheimer's Disease, Parkinson's Disease & Acute Stroke, Strategic Research Institute (July 1999).

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	AO						Yes No
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AR	13	Kimberly, W.T. et al., "The Transmembrane Aspartates in Presenilin 1 and 2 Are Obligatory for $\gamma$ -Secretase Activity and Amyloid $\beta$ -Protein Generation," <i>J. Biol. Chem.</i> 275:3173-3178, American Society for Biochemistry and Molecular Biology, Inc. (February 2000).
AS	13	Kiselyov, K. et al., "Functional interaction between InsP <sub>3</sub> receptors and store-operated Htrp3 channels," <i>Nature</i> 396:478-482, Macmillan Publishers Group (1998).
AT	13	Kiselyov, K. et al., "The N-Terminal Domain of the IP <sub>3</sub> Receptor Gates Store-Operated hTrp3 Channels," <i>Mol. Cell</i> 4:423-429, Cell Press (September 1999).

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	AO						Yes No
	AP						Yes No

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BL	AR	<u>14</u>	Krause, K.-H. and Michalak, M., "Calreticulin," Cell 88:439-443, Cell Press (1997).
L	AS	<u>14</u>	Krause, E. et al., "Low cytoplasmic [Ca(2+)] activates I(CRAC) independently of global Ca(2+) store depletion in RBL-1 cells," J. Biol. Chem. 274:36957-36962, American Society for Biochemistry and Molecular Biology, Inc. (December 1999).
L	AT	<u>14</u>	Laws, S.M. et al., "Genetics: The -491AA polymorphism in the APOE gene is associated with increased plasma apoE levels in Alzheimer's disease," NeuroReport 10:879-882, Lippincott Williams & Wilkins (March 1999).

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## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
0609.4910002/JAG/JUKAPPLICATION NO.  
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	AL						Yes No
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	15	Levy, E. et al., "Mutation of the Alzheimer's Disease Amyloid Gene in Hereditary Cerebral Hemorrhage, Dutch Type," <i>Science</i> 248:1124-1126, American Association for the Advancement of Science (1990).
AS	15	Li, H.-S. et al., "Activation of a TRPC3-Dependent Cation Current through the Neurotrophin BDNF," <i>Neuron</i> 24:261-273, Cell Press (September 1999).
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	AM						Yes No
	AN						Yes No
	AO						Yes No
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BL	AR	16	Low, A.M. et al., "Plant Alkaloids, Tetrandrine and Hernandezine, Inhibit Calcium-Depletion Stimulated Calcium Entry in Human and Bovine Endothelial Cells," <i>Life Sci.</i> 58:2327-2335, Elsevier Science (1996).
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	AL						Yes No
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	AN						Yes No
	AO						Yes No
	AP						Yes No

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<i>BK</i>	AR	<u>17</u>	Meldolesi, J. and Pozzan, T., "The endoplasmic reticulum $Ca^{2+}$ store: a view from the lumen," <i>Trends Biochem. Sci.</i> 23:10-14, Elsevier Science Ltd. (1998).
<i>L</i>	AS	<u>17</u>	Merritt, J.E. et al., "SK&F 96365, a novel inhibitor of receptor-mediated calcium entry," <i>Biochem. J.</i> 271:515-522, Portland Press Ltd. (1990).
<i>L</i>	AT	<u>17</u>	Mignen, O. and Shuttleworth, T.J., " $I_{ARC}$ , a Novel Arachidonate-regulated, Noncapacitative $Ca^{2+}$ Entry Channel," <i>J. Biol. Chem.</i> 275: 9114-9119, American Society for Biochemistry and Molecular Biology, Inc. (March 2000).

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I	AT	18	Oyama, F. et al., "Mutant Presenilin 2 Transgenic Mouse: Effect on an Age-Dependent Increase of Amyloid $\beta$ -Protein 42 in the Brain," <i>J. Neurochem.</i> 71:313-322, Blackwell Science Ltd. (1998).

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<i>AL</i>	AR	<u>19</u>	Patterson, R.L. et al., "Store-Operated Ca <sup>2+</sup> Entry: Evidence for a Secretion-like Coupling Model," Cell 98:487-499, Cell Press (August 1999).
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BL	AR	20	Putney, J.W., Jr., Capacitative Calcium Entry, Chapman & Hall, 1-192 (1997).
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<i>AL</i>	AR	<u>21</u>	Philipp, S. et al., "Molecular Biology of Calcium Channels," in: <i>CRC Methods in Signal Transduction</i> , CRC Press, Washington, D.C., Putney, Jr., J.W., et al., eds., pp. 321-342 (December 1999).
<i>I</i>	AS	<u>21</u>	Ranade, V.V., "Drug Delivery Systems. 1. Site-Specific Drug Delivery Using Liposomes as Carriers," <i>J. Clin. Pharmacol.</i> 29:685-694, Sage Publications Inc. (1989).
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AR	22	Scheuner, D. et al., "Secreted amyloid $\beta$ -protein similar to that in the senile plaques of Alzheimer's disease is increased in vivo by the presenilin 1 and 2 and APP mutations linked to familial Alzheimer's disease," <i>Nat. Med.</i> 2:864-870, Nature Publishing Group (1996).
AS	22	Selkoe, D.J., "The cell biology of $\beta$ -amyloid precursor protein and presenilin in Alzheimer's disease," <i>Trends Cell. Biol.</i> 8:447-453, Elsevier Science Ltd. (1998).
AT	22	Selkoe, D.J., "Notch and presenilins in vertebrates and invertebrates: implications for neuronal development and degeneration," <i>Curr. Opin. Neurobiol.</i> 10:50-57, Elsevier Science Ltd. (February 2000).

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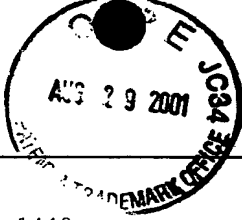
	AR	<u>23</u>	Shen, J. et al., "Skeletal and CNS defects in Presenilin-1-deficient mice," Cell 89:629-639, Cell Press (1997).
	AS	<u>23</u>	Shuttleworth, T.J., "Arachidonic Acid Activates the Noncapacitative Entry of Ca <sup>2+</sup> during [Ca <sup>2+</sup> ] <sub>i</sub> Oscillations," J. Biol. Chem. 271:21720-21725, American Society for Biochemistry and Molecular Biology, Inc. (1996).
	AT	<u>23</u>	Silverman, R.B., "Chapter 8: Prodrugs and Drug Delivery Systems," in: The Organic Chemistry of Drug Design and Drug Action, Academic Press, pp.352-401 (1992).

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0609.4910002/JAG/JUKAPPLICATION NO.  
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	AN						Yes No
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<i>M</i>	AR	<u>24</u>	Steiner, H. et al., "A Loss of Function Mutation of Presenilin-2 Interferes with Amyloid $\beta$ -Peptide Production and Notch Signaling," <i>J. Biol. Chem.</i> 274:28669-28673, American Society for Biochemistry and Molecular Biology, Inc. (October 1999).
<i>L</i>	AS	<u>24</u>	Steiner, H. et al., "Genes and mechanisms involved in beta-amyloid generation and Alzheimer's disease," <i>Eur. Arch. Psychiatry Clin. Neurosci.</i> 249:266-270, Steinkopff Verlag (November 1999).
<i>L</i>	AT	<u>24</u>	Strittmatter, W.J. et al., "Apolipoprotein E: High-avidity binding to $\beta$ -amyloid and increased frequency of type 4 allele in late-onset familial Alzheimer disease," <i>Proc. Natl. Acad. Sci. USA</i> 90:1977-1981, The National Academy of Sciences (1993).

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FORM PTO-1

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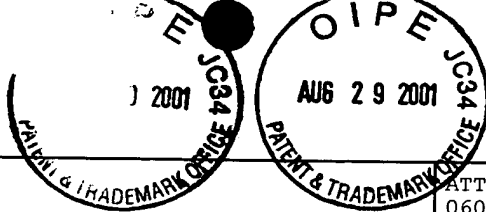
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AR	25	Struhl, G. and Greenwald, I., "Presenilin is required for activity and nuclear access of Notch in <i>Drosophila</i> ," <i>Nature</i> 398:522-525, Macmillan Publishing Group (April 1999).
AS	25	Suzuki, N. et al., "An Increased Percentage of Long Amyloid $\beta$ Protein Secreted by Familial Amyloid $\beta$ Protein Precursor ( $\beta$ APP <sub>717</sub> ) mutants," <i>Science</i> 264:1336-1340, American Association for the Advancement of Science (1994).
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AR	26	Tanzi, R.E., "A genetic dichotomy model for the inheritance of Alzheimer's disease and common age-related disorders," <i>J. Clin. Invest.</i> 104:1175-1179, American Society for Clinical Investigation (November 1999).
AS	26	Thinakaran, G. et al., "Evidence That Levels of Presenilins (PS1 and PS2) are Coordinately Regulated by Competition for Limiting Cellular Factors," <i>J. Biol. Chem.</i> 272:28415-28422, The American Society for Biochemistry and Molecular Biology, Inc. (1997).
AT	26	Thinakaran, G. et al., "Stable Association of Presenilin Derivatives and Absence of Presenilin Interactions with APP," <i>Neurobiol. Dis.</i> 4:438-453, Academic Press, Inc. (1998).

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L	AS	27	Vazquez, G. et al., "1 $\alpha$ ,25-Dihydroxy-vitamin-D <sub>3</sub> -induced Store-operated Ca <sup>2+</sup> Influx in Skeletal Muscle Cells. Modulation by Phospholipase C, Protein Kinase C, and Tyrosine Kinases," <i>J. Biol. Chem.</i> 273:33954-33960, The American Society for Biochemistry and Molecular Biology, Inc. (1998).
L	AT	27	Waldron, R.T. et al., "Store-operated Ca <sup>2+</sup> Entry and Coupling to Ca <sup>2+</sup> Pool Depletion in Thapsigargin-resistant Cells," <i>J. Biol. Chem.</i> 272:6440-6447, The American Society for Biochemistry and Molecular Biology, Inc. (1997).

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
0609.4910002/JAG/JUK

APPLICATION NO.  
09/814,179

APPLICANT  
Kim *et al.*

FILING DATE  
March 22, 2001

GROUP  
~~633~~ 1647

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
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**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

AR	28	Wolfe, M.S. <i>et al.</i> , "Two transmembrane aspartates in presenilin-1 required for presenilin endoproteolysis and $\gamma$ -secretase activity," <i>Nature</i> 398:513-517, Macmillan Publishing Group (April 1999).
AS	28	Wolozin, B. <i>et al.</i> , "Participation of Presenilin 2 in Apoptosis: Enhanced Basal Activity Conferred by an Alzheimer Mutation," <i>Science</i> 274:1710-1713, The American Association for the Advancement of Science (1996).
AT	28	Worley III, J.F. <i>et al.</i> , "Depletion of Intracellular $\text{Ca}^{2+}$ Stores Activates a Maitotoxin-sensitive Nonselective Cationic Current in $\beta$ -Cells," <i>J. Biol. Chem.</i> 269:32055-32058, The American Society for Biochemistry and Molecular Biology, Inc. (1994).

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FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
0609.4910002/JAG/JUKAPPLICATION NO.  
09/814,179APPLICANT  
Kim et al.FILING DATE  
March 22, 2001GROUP  
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## U.S. PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>29</u>	Yao, Y. et al., "Activation of Store-Operated Ca <sup>2+</sup> Current in <i>Xenopus</i> Oocytes Requires SNAP-25 but Not a Diffusible Messenger," <i>Cell</i> 98:475-485, Cell Press (August 1999).
	AS	<u>29</u>	Ye, Y. et al., "Neurogenic phenotypes and altered Notch processing in <i>Drosophila</i> Presenilin mutants," <i>Nature</i> 398:525-529, Macmillan Publishing Group (April 1999).
	AT	<u>29</u>	Zhu, X. et al., "trp, a Novel Mammalian Gene Family Essential for Agonist-Activated Capacitative Ca <sup>2+</sup> Entry," <i>Cell</i> 85:661-671, Cell Press (1996).

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FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
0609.4910002/JAG/JUKAPPLICATION NO.  
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Kim et al.FILING DATE  
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	30	Zweifach, A. and Lewis, R.S., "Mitogen-regulated Ca <sup>2+</sup> current of T lymphocytes is activated by depletion of intracellular Ca <sup>2+</sup> stores," <i>Proc. Natl. Acad. Sci. USA</i> 90: 6295-6299, The National Academy of Sciences (1993).
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FORM PTO-1449  FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0609.4910002/JAG/JUK	APPLICATION NO. 09/814,179
	APPLICANT Kim et al.	
	FILING DATE March 22, 2001	GROUP 1647

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	ING DATE
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BK	AB1	5,538,983	07/23/1996	Buxbaum et al.	514	313	04/29/1994
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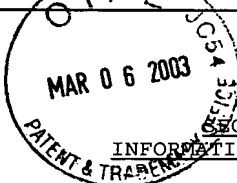
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	AM						Yes No
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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 FORM PTO-1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0609.4910002/JAG/JUK	APPLICATION NO. 09/814,179
	APPLICANT Kim et al.	
	FILING DATE March 22, 2001	GROUP 1647

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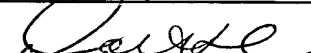
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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	AS	30	Buxbaum, J.D., et al., "Calcium regulates processing of the Alzheimer amyloid protein precursor in a protein kinase C-independent manner," <i>Proc. Natl. Acad. Sci. USA</i> 91:4489-4493, National Academy of Sciences (1994)
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EXAMINER 	DATE CONSIDERED 5/12/03
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